Yahoo Group Archive: activeantennahobbygroup

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2018. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2008-05-27 through 2014-03-07

Source WARC: activeantennahobbygroup.SU4aZS8.warc.gz

Source item: https://archive.org/details/yahoo-groups-2018-06-21T19-49-06Z-5c4602

Messages included in this PDF: 60

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

1. KA-35

Yahoo group: activeantennahobbygroup
Date: 2008-05-27 01:23:42 UTC
From: rugelj2002
Topic: 1 Message: 1

Has anyone heard anything about the KA-35 active antenna covering LW MW SW?.... any other suggestions/ideas for MW-SW? I have a Hong Kong made (by a Chinese amateur) active antenna which works quite well for MW and SW......its a copy of the old AOR desktop loop antenna. I also have an Ameco TRP Preamplifier on the way which I want to see if it will work with an open wire loopand 300 ohm feedline??? Regards Al

2. Re: KA-35

Yahoo group: activeantennahobbygroup
Date: 2008-05-29 21:46:14 UTC
From: Adam E.
Topic: 1 Message: 2

I have heard about it yes, I am in the plans in getting one for to listen to the LW bands and AM. But the problem is that there is no pre selector tuner and no BCB filter, but I think the KA-35 has special circuitry that takes care of that otherwise they wouldn't develop it for LW and MW. It seems there is more improvement to be made in the long run. It just came out this year. Soon the might be making more different elements to buy and plug in. Maybe a better version of a longwave and AM only loop antenna they should come out along with their circuitry.

The good thing about it that it runs off of solar power and a USB port off the computer to charge the special battery inside.

More info: http://www.kaitousa.com/KA35.htm

Adam E.

--- In activeantennahobbygroup@yahoogroups.com, "rugelj2002" <rugelj2002@...> wrote:
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4. Signal Magnet Antenna for the LW bands

Yahoo group: activeantennahobbygroup
Date: 2008-07-16 19:15:24 UTC
From: Adam E.
Topic: 4 Message: 4

I want to buy a kit called the Ramsey Signal Magnet. But the problem is that the kit does not cover the LF bands like 100 kHz to 500 kHz to receive the LWBC services. Is it possible that if I use more turns of the magnet wire or use smaller magnet wire to get higher inductance to cover the LW bands?

I still don't have the kit yet, but I will buy it soon to build one for the AM bands and possibly another one for the SW bands

Adam E.

7. Re: KA-35 - Update

Yahoo group: activeantennahobbygroup
Date: 2008-12-06 00:49:32 UTC
From: Adam E.
Topic: 1 Message: 7

--- In activeantennahobbygroup@yahoogroups.com, "Adam E."
<gccradioscience@...> wrote:
>

Today I have received a KA-35 and I got it from
http://www.radios4you.com. Anyways I am waiting for it to charge up
for about 4 hours. Its best when you get one its best that you not
use it till after its charged up fully for 4 hours. I have not
tested the LW/MW element yet, but I have tested the shortwave element
and it works fine. I looked inside, the board has mostly surface
mount circuits and there was some molded chokes and a small toroid
coil inside. If anyone needs support for this antenna please jump in
here in the group and I will talk about it. Right now at GCC
engineering the antenna is still under the tests.

Adam E.

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> The good thing about it that it runs off of solar power and a USB port
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8. Re: KA-35 - Update

Yahoo group: activeantennahobbygroup
Date: 2008-12-06 02:33:26 UTC
From: rugelj2002
Topic: 1 Message: 8

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--- In activeantennahobbygroup@yahoogroups.com, "Adam E."
<gccradioscience@...> wrote:
>
> --- In activeantennahobbygroup@yahoogroups.com, "Adam E."

> <gccradioscience@> wrote:
> >

I have the Degen TG-35, same as the Kaito KA-35, which I want to
sell as I no longer can do SW'ing. Before I list elsewhere, I am
asking $39.00 plus shipping $10.00 USPS. Please contact me at
rugelj2002@... for more information. Thanks!

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> http://www.radios4you.com. Anyways I am waiting for it to charge
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9. Re: KA-35 - Update :(TEST FAILED

Yahoo group: activeantennahobbygroup
Date: 2008-12-06 03:15:48 UTC
From: Adam E.
Topic: 1 Message: 9

I have some bad news. The one I have got, the active loop is really defective. The loop antenna preamp inside is not operative and not active. Now the only thing that works on the antenna is the whip, which does not have any internal circuitry like the loop but still works ok, still the SW antenna circuit really is so so and does not bring in good signals while under test. But the main thing I bought the antenna for was the long wave and AM bands, but when I plug in the attachment it does not work at all. All there is, is dead air and directional reception. When I turned it off it returned to normal operation. Next month I am going to send it back for a replacement or repair. I am very disappointed. If someone gets a KA-35 and does experience poor results such as what I have stated, please get a refund or replacement and please contact Kaito Electronics regarding this issue.

1. LW/MW Antenna does not respond to the Grundig G5 and also while using the ferrite coupler, does not respond well. G5 owners please take note if this does not work. Kaito and Grundig designs are the same thing. I even tried it on the DX-398 still did not work.

2. Gain on SW is poor, not as strong as the Radio Shack Amplified Antenna.

Adam E. :(

--- In activeantennahobbygroup@yahoogroups.com, "Adam E." <gccradioscience@...> wrote:
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Regards Al
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> >
>

10. Magnetically Shielded Antennas

Yahoo group: activeantennahobbygroup
Date: 2008-12-08 02:22:53 UTC
From: Adam E.
Topic: 10 Message: 10

Has anyone got any plans for magnetically shielded antennas? I need one real bad for my apartment.

Adam E.

11. active loop antenna

Yahoo group: activeantennahobbygroup
Date: 2009-05-08 01:56:46 UTC
From: terry.lynch
Topic: 11 Message: 11

have a look at this design. google m0ayf. I have built this antenna and am very impressed !!. best wishes , terry.

12. great loop antenna

Yahoo group: activeantennahobbygroup
Date: 2009-05-08 15:22:37 UTC
From: terry.lynch
Topic: 12 Message: 12

Guys, do a google on m0ayf.He has a simple active antenna which I built and it works really well. best wishes, terry lynch.

13. G'Day

Yahoo group: activeantennahobbygroup
Date: 2009-05-24 10:01:56 UTC
From: Graeme
Topic: 13 Message: 13

Hellooooooo! Anybody home?
Graeme

14. schematics / kits

Yahoo group: activeantennahobbygroup
Date: 2009-07-05 06:12:44 UTC
From: kf4tap
Topic: 14 Message: 14

So the file section is nesrly empty, does any/ every one have a favorite circuit or kit for active ant's? i want t o try one with a 12 ft 3/8 copper tube, that started out as a magloop. The app is dxing NDB's the recvr is a RS dx 390. Thanks Keith.

15. Connecting a loop antenna to existing active antenna

Yahoo group: activeantennahobbygroup
Date: 2009-07-25 01:15:55 UTC
From: Adam E.
Topic: 15 Message: 15

Group,

I just wanted to share you something that is very easy to do. Its not hard, but connecting a broadband loop is kinda difficult unless you know the right capacitance to match the loop antenna. There is a easy way to connect a loop antenna to a active antenna without a loop antenna.

1. Take the first lead of the loop antenna and connect it to a variable capacitor then connect to the main lead of the active antenna (center connector)

2, Take the other lead of the loop antenna and connect to the shielded part of the active antenna.

You should be able to use any form of tunable loop antenna as you wish
for your active antenna if noise is an issue.

I have learned this when I connected the loop antenna and the variable tuning capacitor in series instead of parallel and I have achieved amazing results. Connecting the loop the original parallel way will short the amp out.

Now for broadband loops you might have to experiment. Use a capacitance box from a kit. Use different capacitors that will
suit your needs.

gccengineering

16. 20-280 SWL Amplifed Antenna - Modified and Works

Yahoo group: activeantennahobbygroup
Date: 2010-02-03 18:55:05 UTC
From: Adam E
Topic: 16 Message: 16

Group,

I have to tell you something good about the Radio Shack antenna, after I studied that schematic diagram that someone drew, last night I was able to work with the inductors and instead of changing the inductors, I wired up 2 speaker terminals and another speaker terminal for the 2 inductors (1 mH). I inserted 2 actually just one cause of the other band didn't work cause the antenna was old. I tried out the 150 and 470 uH inductor for a while and I finally got AM reception with the active antenna. Then I tried the 2.5 mH inductor (L2) and it covered the entire longwave band from 150 kHz to 540 kHz with no problems. I was able to copy the DGPS station from Driver Va on 289 kHz very clearly.

I cannot believe that Radio Shack the ones who had their active antenna built from China did not want to make a good active antenna for LW/MW and SW1 and 2. I tried different inductors and they got me a fine and working set up now. I was able to receive things I could not receive too well with the 1 JFet transistor deal. So remember this if you have an extra Radio Shack shortwave amplified antenna and you want to expand your coverage, go for it. The inductor list is here on the bottom.

You will have to use 1 or 2 inductors (2 for bands A and B) and you must remove the 6.8 uH inductors. Please leave alone L4, L5 the 1 mH inductors those are just part of the RF amplifer circuit. The 6.8 inductors are the type that is connected to variable capacitor for the shortwave bands 1 and 2 or A or B. That is coils L4 and L2. Please do not touch coils L4 and L5.

Please use 2 speaker terminals for this project, that is if you do want your SW amplified antenna cause you are just bored with it. You must solder terminals in the holes where the inductors to create solder terminals for the terminal wires. For L4 use yellow and black wires and L2 use red and black wires. It's that easy. Just remember I used L2 cause band A will not tune no more. So if you get this right, you will be able to use 2 470 uH chokes for L2 and L4 then you could probably tune band A for LW or VLF and Band B for the low and middle part of the LW and AM band.

If you follow this project then you don't need to worry about spending over $100 for a commercially made active antenna from someone who does not care about long wave DXing. They just design an active antenna that only covers 300 kHz if lucky 250 kHz. But not 150 kHz or lower in the 30 kHz range. When I get my VLF converter I will give you and a video update on how this radio shack amplified antenna could cover VLF. Right now I can only go down to 150 kHz. I need a VLF converter schematic! Remember this is a L/C tuned circuit
so you can use any combination inductors as you wish even homebrew
inductors. For someone who does ELF and ULF you will need bigger
inductors like big transformer types around 100 mH to 12 henres

For ELF - 150 mH to 12 H
For VLF - 6.8mH, 10mH, 12mH, and higher around 100 mH.
For LW - 2.5 mH, 4.7 mH or 6.8 mH
For MF - 1000 mH

For MW - 470 uH, 330 uH, and 150 uH
For SW - Original 6.8 uH inductors for 160 meters try 22 uH or 100 uH.
For VHF - 10 uH, 1 uH, and lower inductances. Possible coverage for Digital TV and FM FM-HD.
For UHF - 0.1 to 001 uH stripped inductors. MIGHT NOT WORK!

Good Luck and 73!

Adam E.

gccengineering

17. Re: [activeantennahobbygroup] 20-280 SWL Amplifed Antenna - Modified and Works

Yahoo group: activeantennahobbygroup
Date: 2010-02-03 19:02:44 UTC
From: Joe Strain aka Yodar
Topic: 16 Message: 17

which antenna are you fussing with?

rat shack part number for antenna would help?

I have their version of the TERK antenna and I don't think you are talking about that one

Yodar

words MEAN things.

AS do the words in our constitution,

they are not meant to be nuanced,

but READ AS writ!

--- On Wed, 2/3/10, Adam E <gccradioscience@...> wrote:

From: Adam E <gccradioscience@...>
Subject: [activeantennahobbygroup] 20-280 SWL Amplifed Antenna - Modified and Works
To: activeantennahobbygroup@yahoogroups.com
Date: Wednesday, February 3, 2010, 1:55 PM

Group,

I have to tell you something good about the Radio Shack antenna, after I studied that schematic diagram that someone drew, last night I was able to work with the inductors and instead of changing the inductors, I wired up 2 speaker terminals and another speaker terminal for the 2 inductors (1 mH). I inserted 2 actually just one cause of the other band didn't work cause the antenna was old. I tried out the 150 and 470 uH inductor for a while and I finally got AM reception with the active antenna. Then I tried the 2.5 mH inductor (L2) and it covered the entire longwave band from 150 kHz to 540 kHz with no problems. I was able to copy the DGPS station from Driver Va on 289 kHz very clearly.

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inductors. For someone who does ELF and ULF you will need bigger

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For ELF - 150 mH to 12 H

For VLF - 6.8mH, 10mH, 12mH, and higher around 100 mH.

For LW - 2.5 mH, 4.7 mH or 6.8 mH

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For MW - 470 uH, 330 uH, and 150 uH

For SW - Original 6.8 uH inductors for 160 meters try 22 uH or 100

uH.

For VHF - 10 uH, 1 uH, and lower inductances. Possible coverage for Digital TV and FM FM-HD.

For UHF - 0.1 to 001 uH stripped inductors. MIGHT NOT WORK!

Good Luck and 73!

Adam E.

gccengineering

18. Re: 20-280 SWL Amplifed Antenna - Modified and Works

Yahoo group: activeantennahobbygroup
Date: 2010-02-03 21:15:07 UTC
From: Adam E
Topic: 16 Message: 18

Here is the link to the schematic diagram. Who ever drew the schmatic got something wrong, It's not L2 and L4. It's L1 and L2 for tuned inductors, and L4 and L5 for the pre amp circuit. I have the original circuit board I built it on.

http://groups.yahoo.com/group/Shortwave-SWL-Antenna/photos/album/0/list

--- In activeantennahobbygroup@yahoogroups.com, Joe Strain aka Yodar <cz52_99@...> wrote:
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19. Re: 20-280 SWL Amplifed Antenna - Modified and Works

Yahoo group: activeantennahobbygroup
Date: 2010-02-03 21:51:29 UTC
From: Adam E
Topic: 16 Message: 19

Here is a demo of how it performs in the daytime. Night time video will be coming soon. Enjoy.

http://www.youtube.com/watch?v=gtoOBZkyv5g

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> From: Adam E <gccradioscience@...>
> Subject: [activeantennahobbygroup] 20-280 SWL Amplifed Antenna - Modified and Works
> To: activeantennahobbygroup@yahoogroups.com
> Date: Wednesday, February 3, 2010, 1:55 PM
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> If you follow this project then you don't need to worry about spending over $100 for a commercially made active antenna from someone who does not care about long wave DXing. They just design an active antenna that only covers 300 kHz if lucky 250 kHz. But not 150 kHz or lower in the 30 kHz range. When I get my VLF converter I will give you and a video update

on how this radio shack amplified antenna could cover VLF. Right now I can only go down to 150 kHz. I need a VLF converter schematic! Remember this is a L/C tuned circuit
>
> so you can use any combination inductors as you wish even homebrew
>
> inductors. For someone who does ELF and ULF you will need bigger
>
> inductors like big transformer types around 100 mH to 12 henres
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> For ELF - 150 mH to 12 H
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> For VLF - 6.8mH, 10mH, 12mH, and higher around 100 mH.
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> For LW - 2.5 mH, 4.7 mH or 6.8 mH
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> For MF - 1000 mH
>
> For MW - 470 uH, 330 uH, and 150 uH
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> For SW - Original 6.8 uH inductors for 160 meters try 22 uH or 100
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> uH.
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> For VHF - 10 uH, 1 uH, and lower inductances. Possible coverage for Digital TV and FM FM-HD.
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> For UHF - 0.1 to 001 uH stripped inductors. MIGHT NOT WORK!
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>
> Good Luck and 73!
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>
>
> Adam E.
>
>
>
> gccengineering
>

20. Re: [activeantennahobbygroup] Re: 20-280 SWL Amplifed Antenna - Modified and Works

Yahoo group: activeantennahobbygroup
Date: 2010-02-03 22:21:25 UTC
From: Joe Strain aka Yodar
Topic: 16 Message: 20
Attachments: 1 described; binary payloads are missing from this source WARC

I red-did your photo and punched up the gamma and contrast if you'd like me to return an improved picture for your files, it is attached

I see the coils referred to on the schematic, I too would want several to switch between. rtaher than merely halving and doubling the inductance, but that's just me

If your working antenna can be set for a "medium" gain, and medium "output-gain" so i could use it without having to fiddle with it, it would cause me to start scrounging parts to build my own.

My Ramsey isn't done yet, i have made a wiring error that might merely be installing the LED backwards. As son as i get a smaller soldering tip i'm getting back t

my North Country is now out of service, I get better output from my Centerfire vertical dipole which is actually a scanner antenna

Mid January was a HOT signal-time and I made a lotta good logs with the Redsum RP-2300, but by end of january I was trying to get my RX-320 with new software which I am still learning to use. The SWLog software I use it includes logging and QSL printing as well as maps and other function bells and whistle i am still trying to understand from it EARLIER, SIMPLER iteration

Yodar

Words MEAN things.

AS do the words in our constitution,

they are not meant to be nuanced,

but READ AS writ!

--- On Wed, 2/3/10, Adam E <gccradioscience@...> wrote:

From: Adam E <gccradioscience@...t>
Subject: [activeantennahobbygroup] Re: 20-280 SWL Amplifed Antenna - Modified and Works
To: activeantennahobbygroup@yahoogroups.com
Date: Wednesday, February 3, 2010, 4:51 PM

Here is a demo of how it performs in the daytime. Night time video will be coming soon. Enjoy.

http://www.youtube. com/watch? v=gtoOBZkyv5g

--- In activeantennahobbyg roup@yahoogroups .com, Joe Strain aka Yodar <cz52_99@... > wrote:

>

> which antenna are you fussing with?

>

> rat shack part number for antenna would help?

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> Good Luck and 73!

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>

> Adam E.

>

>

>

> gccengineering

>

21. Re: [activeantennahobbygroup] Re: 20-280 SWL Amplifed Antenna - Modified and Works

Yahoo group: activeantennahobbygroup
Date: 2010-02-03 23:11:52 UTC
From: Joe Strain aka Yodar
Topic: 16 Message: 21

The first FET xtrs Q-1 Q-2 are they 2SN161 or 2SK 161 ?

C3 value?

Yodar

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but READ AS writ!

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From: Adam E <gccradioscience@...>
Subject: [activeantennahobbygroup] Re: 20-280 SWL Amplifed Antenna - Modified and Works
To: activeantennahobbygroup@yahoogroups.com
Date: Wednesday, February 3, 2010, 4:15 PM

Here is the link to the schematic diagram. Who ever drew the schmatic got something wrong, It's not L2 and L4. It's L1 and L2 for tuned inductors, and L4 and L5 for the pre amp circuit. I have the original circuit board I built it on.

http://groups. yahoo.com/ group/Shortwave- SWL-Antenna/ photos/album/ 0/list

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> Adam E.

>

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>

> gccengineering

>

22. Re: 20-280 SWL Amplifed Antenna - Modified and Works

Yahoo group: activeantennahobbygroup
Date: 2010-02-05 02:08:29 UTC
From: Adam E
Topic: 16 Message: 22

It's a VHF Amplifier, the data sheet is available in the files section.

--- In activeantennahobbygroup@yahoogroups.com, Joe Strain aka Yodar <cz52_99@...> wrote:
>
> The first FET xtrsÂ Q-1Â Q-2Â are they 2SN161Â or 2SK 161 ?
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> > gccengineering
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23. New file uploaded to activeantennahobbygroup

Yahoo group: activeantennahobbygroup
Date: 2010-02-05 02:11:01 UTC
From: activeantennahobbygroup@yahoogroups.com
Topic: 23 Message: 23

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the activeantennahobbygroup
group.

File : /2SK161 - VHF Amp.pdf
Uploaded by : gccengineering <gccradioscience@...>
Description :

You can access this file at the URL:
http://groups.yahoo.com/group/activeantennahobbygroup/files/2SK161%20-%20VHF%20Amp.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

gccengineering <gccradioscience@...>

24. RAMSEY AA7B schematic uploaded

Yahoo group: activeantennahobbygroup
Date: 2010-02-06 21:37:59 UTC
From: Joseph
Topic: 24 Message: 24

The uploaded schematic wouldn't upload till I dropped the image size to less than 600 pixels and some of the device-types are illegible and had to be added as a legend on the print

I still haven't completed the thing due to other issues but it so far appears to be a good project and embodying some circuit components and performance features that are novel and interesting

I doan theenk this is a build-it-from-your-junkbox device.

A number of tetrode N-Channel FETS and a regulator chip and a relay may not be truly proprietary, but they are prolly HARD TO get

They are so tiny I am glad they came pre-mounted

Yodar

25. Re: RAMSEY AA7B schematic uploaded

Yahoo group: activeantennahobbygroup
Date: 2010-02-08 03:47:59 UTC
From: Adam E
Topic: 24 Message: 25

So what you are saying is the transistors are hard to find? Well according to the manual I downloaded contained 2 transistors, and now they got this one had requires an IC, a NAND IC that would take some time to solder. I like to old design better.

--- In activeantennahobbygroup@yahoogroups.com, "Joseph" <cz52_99@...> wrote:
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26. New file uploaded to activeantennahobbygroup

Yahoo group: activeantennahobbygroup
Date: 2010-02-08 04:01:10 UTC
From: activeantennahobbygroup@yahoogroups.com
Topic: 23 Message: 26

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the activeantennahobbygroup
group.

File : /RAMSEY ACTIVE ANTENNA KIT MAN./AA-7A.pdf
Uploaded by : gccengineering <gccradioscience@...>
Description : This is the older version of the kit that is easy to build, IF you have the manual and schematic please share it with us. I am glad I have archvied this! AA-7A

You can access this file at the URL:
http://groups.yahoo.com/group/activeantennahobbygroup/files/RAMSEY%20ACTIVE%20ANTENNA%20KIT%20MAN./AA-7A.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

gccengineering <gccradioscience@...>

27. kits

Yahoo group: activeantennahobbygroup
Date: 2010-02-14 23:55:37 UTC
From: Joseph
Topic: 27 Message: 27

http://electronicrainbow.com/kits/ACA-1p.html

YODAR

28. Re: kits

Yahoo group: activeantennahobbygroup
Date: 2010-04-11 22:04:13 UTC
From: Adam E
Topic: 27 Message: 28

Yodar,

I tried the link, the link is bad and it does not work.

Adam E.

--- In activeantennahobbygroup@yahoogroups.com, "Joseph" <cz52_99@...> wrote:
>
> http://electronicrainbow.com/kits/ACA-1p.html
>
> YODAR
>

29. Re: [activeantennahobbygroup] Re: kits

Yahoo group: activeantennahobbygroup
Date: 2010-04-11 22:41:53 UTC
From: Joe Strain aka Yodar
Topic: 27 Message: 29

http://www.rainbowkits.com/
is what I

here's their active antenna kit

http://www.rainbowkits.com/kits/ACA-1p.html
http://tinyurl.com/yyea4l4
yodar

Words MEAN things.

AS do the words in our constitution,

they are not meant to be nuanced,

but READ AS writ!

--- On Sun, 4/11/10, Adam E <gccradioscience@...> wrote:

From: Adam E <gccradioscience@...>
Subject: [activeantennahobbygroup] Re: kits
To: activeantennahobbygroup@yahoogroups.com
Date: Sunday, April 11, 2010, 6:04 PM

Yodar,

I tried the link, the link is bad and it does not work.

Adam E.

--- In activeantennahobbyg roup@yahoogroups .com, "Joseph" <cz52_99@... > wrote:

>

> http://electronicra inbow.com/ kits/ACA- 1p.html

>

> YODAR

>

30. Re: kits ACA-1p

Yahoo group: activeantennahobbygroup
Date: 2010-04-11 23:13:24 UTC
From: Steven C
Topic: 27 Message: 30

Adam and all,

It looks like it should be

http://www.rainbowkits.com/kits/ACA-1p.html

Happy experimenting,

Steven

--- In activeantennahobbygroup@yahoogroups.com, "Adam E" <gccradioscience@...> wrote:
>
>
> Yodar,
>
> I tried the link, the link is bad and it does not work.
>
> Adam E.
>
>
>
>
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> >
> > http://electronicrainbow.com/kits/ACA-1p.html
> >
> > YODAR
> >
>

31. AA7B active antenna

Yahoo group: activeantennahobbygroup
Date: 2010-07-16 23:07:42 UTC
From: Axel
Topic: 31 Message: 31

Did anyone use the AA7B.
Is the AA7B or AA7C a good choice?
What is the difference between AA7B and AA7C?

32. AA-7 Active Antenna

Yahoo group: activeantennahobbygroup
Date: 2010-10-11 22:16:52 UTC
From: Graeme
Topic: 32 Message: 32

I have a circuit for the AA-7 Active Antenna. How do I upload it? Graeme...

33. Re: [activeantennahobbygroup] AA-7 Active Antenna

Yahoo group: activeantennahobbygroup
Date: 2010-10-16 12:43:44 UTC
From: Chris Trask
Topic: 32 Message: 33

Go to the group home page:

http://groups.yahoo.com/group/activeantennahobbygroup/

Click on "FILES" on the left-hand side. At the top and bottom of the files listing you'll see "ADD A FILE". The rest is easy.

Chris

34. AA-7 Active Antenna

Yahoo group: activeantennahobbygroup
Date: 2010-10-16 08:53:27 UTC
From: Graeme
Topic: 32 Message: 34

Problem solved!
The circuit is now in the files section
Graeme

35. Rf Systems HELP!

Yahoo group: activeantennahobbygroup
Date: 2010-12-08 10:45:38 UTC
From: Marco
Topic: 35 Message: 35

Hello friends
I installed a RF Systems DX ONE pro Mk2.
I saw that in VLF and MW It work very well but in HF the signal
received are very weak.
Is a height problem?
Is possible to improuve the system?
Please ...help me!
Regards
Marco
Sardinia Island

36. Active antenna problem

Yahoo group: activeantennahobbygroup
Date: 2010-12-19 11:18:47 UTC
From: Marco
Topic: 36 Message: 36

Hello Friends
I have a problem with my Active Antenna Rf Systems Antenna Tipe MK2 Professional.
I installed it and I saw the antenna Work very well only if I insert in part the Pl259, (with only the hot pole) but if I Insert the pl259 totally (screwing around) the signal are very very weak.

Please see the video about the problem:

http://www.youtube.com/watch?v=GV9GhDQ4gtE

Can you tell me any advice to improve this problem ?
All the best
Marco

38. Re: Active antenna problem

Yahoo group: activeantennahobbygroup
Date: 2011-08-10 18:52:22 UTC
From: Adam E
Topic: 36 Message: 38

I know what you are talking about, but that kind of antenna is expensive and it's something that I don't own in my listening post. RF Systems make good antennas. Sounds like you need to use whole cable inner and outer part of it. And connect the antenna with a attenuator to your portable radio external antenna jack. I wish I had a very good antenna like yours. Don't forget to ground your antenna for lightning protection.

Adam Ebel
Virginia Beach, VA

--- In activeantennahobbygroup@yahoogroups.com, "Marco" <odissea45@...> wrote:
>
> Hello Friends
> I have a problem with my Active Antenna Rf Systems Antenna Tipe MK2 Professional.
> I installed it and I saw the antenna Work very well only if I insert in part the Pl259, (with only the hot pole) but if I Insert the pl259 totally (screwing around) the signal are very very weak.
>
> Please see the video about the problem:
>
> http://www.youtube.com/watch?v=GV9GhDQ4gtE
>
>
> Can you tell me any advice to improve this problem ?
> All the best
> Marco
>

39. AMECO TPA

Yahoo group: activeantennahobbygroup
Date: 2011-11-18 18:45:08 UTC
From: hfdxer
Topic: 39 Message: 39

-Anyone using or used the Ameco tpa SWL act antenna? Also anyone done any comparisions and thoughts which is the best resonable priced act antenna.
-I have the tpa and the radio shack act antenna.I feel like the tunning capacitor might would be better with a little more range. Very hard to peak it. I put the foil inside and replace the antenna with a 4 foot telescoping that had a female thread in the bottm.
- I liked the radio shack but little combersome but thought it really done a great job.I have one I thick the preamp is out but haven't checked it yet-(someone gave it to me)-
Trying to mount the good one it in a metal box. Got my parts but haven't had the time to finish it.
Thanks
Railroad

40. KA-35 with AN-200 Loop Antenna

Yahoo group: activeantennahobbygroup
Date: 2011-12-16 06:06:39 UTC
From: Adam E
Topic: 40 Message: 40

It's possible to connect a tunable MW loop antenna to the KA-35 with no problems.

What you will need :

1 stereo RCA female jacks to Stereo 1/4 plug

1 RCA to RCA patch cord

1 RCA to 1/8 adapter to plug into the loop antenna

or

You can use a RCA mono jack to stereo 1/4 jack custom made. Be sure you know which lug has the left channel cause that is where to signal feeds into. Not the right channel, that is a power source for the KA-35 loop LW/MW element.

Plug the loop antenna using the 1/8 antenna jack to to Stereo white (left) connector to KA-35.

Tune it your station that is weak.

Now you have loop antenna preamplifer. Tune it to the disired weak signal.

I have been doing with with my KA-35 and the reception is excellent. You can try this with any loop antenna covering 30 kHz to 3000 kHz but for broadband loops you need to experiment.

Adam Ebel
Virginia Beach, VA

41. [activeantennahobbygroup] loop antenna

Yahoo group: activeantennahobbygroup
Date: 2011-12-16 17:14:26 UTC
From: Joe Strain aka Yodar
Topic: 40 Message: 41

anybody got an English version? THIS looks interesting !

http://www.elexs.de/drm6.htm
Yodar

"The contest for ages has been to rescue
liberty from the grasp of executive power."
Daniel Webster

Yodar

"The contest for ages has been to rescue
liberty from the grasp of executive power."
Daniel Webster

---
our Group
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Toolbar now.<img width="1" height="1" alt="" src="http://us.bc.yahoo.com/b?P=1f0a3892-27ac
-11e1-9086-1f4fad9328e8&T=1colnck02%2fX%3d1324015600%2fE%3d1708396379%2fR%3dgroups%2fK%3d5
%2fV%3d2.1%2fW%3dH%2fY%3dYAHOO%2fF%3d438551994%2fH%3dY29udGVudD0iUG9kY2FzdHM7R287QXVjdGlvb
nM7V2lkZ2V0cztHcm91cHM7R2VvY2l0aWVzO01lc3NhZ2VfQm9hcmRzO1NtYWxsX0J1c2luZXNzO1RWO0ZpbmFuY2U
7IiBkaXNhYmxlc2h1ZmZsaW5nPSIxIiBzZXJ2ZUlkPSIxZjBhMzg5Mi0yN2FjLTExZTEtOTA4Ni0xZjRmYWQ5MzI4Z
TgiIHNpdGVJZD0iNDQ1MjU1MSIgdFN0bXA9IjEzMjQwMTU2MDA2NDUwNzkiIA--%2fQ%3d-1%2fS%3d1%2fJ%3dAD2
38962&U=13c5c9ovm%2fN%3dJAUEQNj8fbs-%2fC%3d493064.14543979.14562481.13298430%2fD%3dMKP1%2f
B%3d6060255%2fV%3d1">

Switch to: Text-Only, Daily Digest • Unsubscribe • Terms of Use
.

42. Kaito KA-35 future improvement suggestions.

Yahoo group: activeantennahobbygroup
Date: 2012-03-10 02:04:15 UTC
From: Adam E
Topic: 42 Message: 42

I feel that the KA-35 needs these things to be a better antenna.

1. The HF element could use a much longer telescoping rod antenna than what it is now.

2. The ferrite loop element could use a 7.5 inch ferrite rod instead of a 5 inch ferrite rod for better DXing on LW and AM.

3. The controller could have a switch that switches in and out MW suppression good for short wave and long wave DXing.

4. Have a higher capacity battery than what it has.

5. The ferrite coupler can be up to 5 inches for better signal coupling.

With USB 3.0 coming out we need a new power supply that would handle backwards and fowards 2.0/3.0 charging.

What do you think? Do you agree? If you have any suggestions or advice let me know about.

gccengineering

43. BAX-1 AMP

Yahoo group: activeantennahobbygroup
Date: 2012-05-01 22:51:38 UTC
From: Shannon
Topic: 43 Message: 43

This amp I got 25+ years ago works excellent for LF & AM Band.
Use a low impedance tuned circuit or use a loop antenna.

I have uploaded the manual pages, So check it out out in Photos section.

44. Kaito KA-35

Yahoo group: activeantennahobbygroup
Date: 2012-05-01 22:53:43 UTC
From: Shannon
Topic: 44 Message: 44

Can someone take pictures of the Kaito KA-35 so I can see inside ?

45. Re: Kaito KA-35

Yahoo group: activeantennahobbygroup
Date: 2012-07-22 18:24:16 UTC
From: Adam E
Topic: 44 Message: 45

Shannon, They are located in the photos section, the antenna is owned by Kaito and they are getting to be affordable in the near future. Thank you for your interest

http://groups.yahoo.com/group/activeantennahobbygroup/photos/album/1507288414/pic/list

--- In activeantennahobbygroup@yahoogroups.com, "Shannon" <shannon5678463@...> wrote:
>
> Can someone take pictures of the Kaito KA-35 so I can see inside ?
>

Adam E.

gccengineering

46. This is Important : The pa0rdt-Mini-Whip Antenna

Yahoo group: activeantennahobbygroup
Date: 2012-08-09 09:04:03 UTC
From: Adam E
Topic: 46 Message: 46

Group,

This project is a very important active antenna project and has been tested on the web software defined radio. This is a Web SDR is based at a University in Europe. When you listen to the LW band on this Web SDR you will hear more signals than your long wire antenna.

http://websdr.ewi.utwente.nl:8901/

This antenna works excellent on the long wave bands, and is a very serious antenna for VLF to HF (LW to SW) DXing from 10 kHz to 30 MHz. I am in the plans of building it, but the transistors and other components are pretty expensive. I want to share this with you since there has not been much activity here. I want to so bad build this antenna that I cannot wait to order my parts from Mouser electronics. I have to gather the supplies and get this project off the ground. Who ever designed this antenna is very smart!

You see, this antenna is just like the KA-35, but built differently and there is a possibility that this antenna can be used for battery operation if you know how to do it right. This antenna is great for to use anywhere around the world.

http://www.radiopassioni.it/pdf/pa0rdt-Mini-Whip.PDF

Adam Ebel
Virginia Beach, VA
gccengineering

47. Re: [activeantennahobbygroup] This is Important : The pa0rdt-Mini-Whip Antenna

Yahoo group: activeantennahobbygroup
Date: 2012-08-09 17:34:52 UTC
From: Joe Strain aka Yodar
Topic: 46 Message: 47

The pa0rdt is an project that has been on my back burner but for the availability of a domestic product part-number part list
PLEASE share word of any progress on this, other will benefit and copy ;>)
Thank you!
Yodar

"The contest for ages has been to rescue liberty from the grasp of executive power."

Daniel Webster

--- On Thu, 8/9/12, Adam E <gccradioscience@...> wrote:

From: Adam E <gccradioscience@...>

Group,

You see, this antenna is just like the KA-35, but built differently and there is a possibility that this antenna can be used for battery operation if you know how to do it right. This antenna is great for to use anywhere around the world.

http://www.radiopassioni.it/pdf/pa0rdt-Mini-Whip.PDF

Adam Ebel

Virginia Beach, VA

gccengineering

48. Using the mini whip antenna as a loop preamp

Yahoo group: activeantennahobbygroup
Date: 2012-08-18 09:14:10 UTC
From: Adam E
Topic: 48 Message: 48

Tip : If you ever wanted to build the preamp for this and use it for a broad band loop preamp you must use a in series capacitor such as a 470 pF capacitor for the AM and LW bands. This will keep the RF amp from shorting out and make the loop very powerful.

THIS CAN be used with any preamp to loop antenna configuration as loop preamp no matter what RF amp even the KA-35. Just as long it the preamp covers the AM broadcast band and LW bands. Some preamps only cover HF frequencies unless you are constructing a HF broadband loop
antenna.

The mini whip is a very powerful preamp. I have to wait until I can get to the electronic gold mine and find boards to build it. This time I am going to construct a active antenna just by using the copper clad board which provides better ground plane construction.

Loop Antenna lead - Capacitor (in series) - > Preamp whip input or RF input

Adam Ebel
Virginia Beach, VA

49. Miniwhip Antenna disappointing results

Yahoo group: activeantennahobbygroup
Date: 2012-10-26 07:15:27 UTC
From: Adam E
Topic: 49 Message: 49

I have built the PA0RDT mini whip with a MPF 102 (J310) and 2N3904 (2N5109)and it performed poorly on long wave, I could not receive my local DGPS signal on 289 kHz from Driver, Virginia, and local NDB Beacon OR on 329 kHz. I built it on one of these boards.

http://www.radioshack.com/product/index.jsp?productId=2102843

The antenna was used indoors in my apartment on the first floor without a RF ground connection.

It works pretty well on the AM band, but not good in receiving DX signals on 540 kHz, but the battery was draining quick so I could not test it. It did do well receiving local AM stations.

How do I improve LW performance on this? Do I have to take it outside and ground it?

The antenna I used was a 1 foot 22 awg solid piece of wire.

And where in the world do I find a 12 volt 50 mA power supply??

This is the first time building this antenna, and it sucked.

Adam E.

Virginia Beach, VA

50. AW: [activeantennahobbygroup] Miniwhip Antenna disappointing results

Yahoo group: activeantennahobbygroup
Date: 2012-10-27 11:27:59 UTC
From: Stephan Schaa
Topic: 49 Message: 50

Hello Adam,

the mini whip is a capacitive working Antenna. Because of that I would very much recommend to use it outside (the more away from the house, the better + higher = better) and with a good "counterweight" (for example a Metal rod where you mount it on). If you look for a better "inside" antenna, i would recommend a magnetic antenna like a tuned or broadband loop to avoid a lot of static noise inside modern homes.

I hope this helps?!

73, Stephan

Von: activeantennahobbygroup@yahoogroups.com
[mailto:activeantennahobbygroup@yahoogroups.com] Im Auftrag von Adam E
Gesendet: Freitag, 26. Oktober 2012 09:15
An: activeantennahobbygroup@yahoogroups.com
Betreff: [activeantennahobbygroup] Miniwhip Antenna disappointing results

I have built the PA0RDT mini whip with a MPF 102 (J310) and 2N3904 (2N5109)and it performed poorly on long wave, I could not receive my local DGPS signal on 289 kHz from Driver, Virginia, and local NDB Beacon OR on 329 kHz. I built it on one of these boards.

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Adam E.

Virginia Beach, VA

E-Mail ist virenfrei.
Von AVG überprüft - www.avg.de
Version: 2013.0.2741 / Virendatenbank: 2614/5838 - Ausgabedatum: 17.10.2012
Die Virendatenbank sind veraltet.

51. Re: Miniwhip Antenna disappointing results

Yahoo group: activeantennahobbygroup
Date: 2012-11-03 06:58:38 UTC
From: Adam E
Topic: 49 Message: 51

I tried to build a magnetic loop antenna, but I used aluminum foil, but it did not shield the interference too well, so I gave it up, I might have to start using copper foil for different results. My mini whip experiment needs the semi conductors replaced, then I need to try it outside. When I am out, I will tell you the results. But question where in the world do I find a 12 volt 50 mA power supply?

Adam Ebel
Virginia Beach, VA

--- In activeantennahobbygroup@yahoogroups.com, "Stephan Schaa" <schaa@...> wrote:
>
> Hello Adam,
>
> the mini whip is a capacitive working Antenna. Because of that I would very
> much recommend to use it outside (the more away from the house, the better +
> higher = better) and with a good "counterweight" (for example a Metal rod
> where you mount it on). If you look for a better "inside" antenna, i would
> recommend a magnetic antenna like a tuned or broadband loop to avoid a lot
> of static noise inside modern homes.
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> I hope this helps?!
>
>
> 73, Stephan
>
>
>
> _____
>
> Von: activeantennahobbygroup@yahoogroups.com
> [mailto:activeantennahobbygroup@yahoogroups.com] Im Auftrag von Adam E
> Gesendet: Freitag, 26. Oktober 2012 09:15
> An: activeantennahobbygroup@yahoogroups.com
> Betreff: [activeantennahobbygroup] Miniwhip Antenna disappointing results
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>
> Virginia Beach, VA
>
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> Von AVG überprüft - www.avg.de
> Version: 2013.0.2741 / Virendatenbank: 2614/5838 - Ausgabedatum: 17.10.2012
> Die Virendatenbank sind veraltet.
>

52. AW: [activeantennahobbygroup] Re: Miniwhip Antenna disappointing results

Yahoo group: activeantennahobbygroup
Date: 2012-11-04 08:21:53 UTC
From: Stephan Schaa
Topic: 49 Message: 52

Hello Adam.

Has been quite a while that I 've to the US, but give Fry's a try:

maybe for example:

http://www.frys.com/product/1646591?site=sr:SEARCH:MAIN_RSLT_PG

or

http://www.frys.com/product/5725552?site=sr:SEARCH:MAIN_RSLT_PG

shouldn't be a problem to find similar ones in many electronic stores. :-)

73, Stephan

_____

Von: activeantennahobbygroup@yahoogroups.com
[mailto:activeantennahobbygroup@yahoogroups.com] Im Auftrag von Adam E
Gesendet: Samstag, 3. November 2012 07:59
An: activeantennahobbygroup@yahoogroups.com
Betreff: [activeantennahobbygroup] Re: Miniwhip Antenna disappointing
results

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did not shield the interference too well, so I gave it up, I might have to
start using copper foil for different results. My mini whip experiment needs
the semi conductors replaced, then I need to try it outside. When I am out,
I will tell you the results. But question where in the world do I find a 12
volt 50 mA power supply?

Adam Ebel
Virginia Beach, VA

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<mailto:activeantennahobbygroup%40yahoogroups.com>] Im Auftrag von Adam E
> Gesendet: Freitag, 26. Oktober 2012 09:15
> An: activeantennahobbygroup@yahoogroups.com
<mailto:activeantennahobbygroup%40yahoogroups.com>
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> Version: 2013.0.2741 / Virendatenbank: 2614/5838 - Ausgabedatum:
17.10.2012
> Die Virendatenbank sind veraltet.
>

E-Mail ist virenfrei.
Von AVG überprüft - www.avg.de
Version: 2013.0.2742 / Virendatenbank: 2617/5860 - Ausgabedatum: 28.10.2012

53. RE: [activeantennahobbygroup] Re: Miniwhip Antenna disappointing results

Yahoo group: activeantennahobbygroup
Date: 2012-11-03 15:26:21 UTC
From: HG4FC, Tóni
Topic: 49 Message: 53

Adam,

As well as with the aluminum surface, buti t is difficult to work with. For example, can not be soldered.

Any one 12Volt DC power supply complies with minimum of 100mA load. Such trading may be purchased at any electronics.

But you might have a homa device can use it before.

Tentatively it is also good.

Toni

From: activeantennahobbygroup@yahoogroups.com
[mailto:activeantennahobbygroup@yahoogroups.com] On Behalf Of Adam E
Sent: Saturday, November 03, 2012 7:59 AM
To: activeantennahobbygroup@yahoogroups.com
Subject: [activeantennahobbygroup] Re: Miniwhip Antenna disappointing results

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Adam Ebel
Virginia Beach, VA

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+
> higher = better) and with a good "counterweight" (for example a Metal rod
> where you mount it on). If you look for a better "inside" antenna, i would
> recommend a magnetic antenna like a tuned or broadband loop to avoid a lot
> of static noise inside modern homes.
>
> I hope this helps?!

>
>
> 73, Stephan
>
>
>
> _____
>
> Von: activeantennahobbygroup@yahoogroups.com
<mailto:activeantennahobbygroup%40yahoogroups.com>
> [mailto:activeantennahobbygroup@yahoogroups.com
<mailto:activeantennahobbygroup%40yahoogroups.com>] Im Auftrag von Adam E
> Gesendet: Freitag, 26. Oktober 2012 09:15
> An: activeantennahobbygroup@yahoogroups.com
<mailto:activeantennahobbygroup%40yahoogroups.com>
> Betreff: [activeantennahobbygroup] Miniwhip Antenna disappointing results
>
>
>
>
>
> I have built the PA0RDT mini whip with a MPF 102 (J310) and 2N3904
> (2N5109)and it performed poorly on long wave, I could not receive my local
> DGPS signal on 289 kHz from Driver, Virginia, and local NDB Beacon OR on
329
> kHz. I built it on one of these boards.
>
> http://www.radioshack.com/product/index.jsp?productId=2102843
>
> The antenna was used indoors in my apartment on the first floor without a
RF
> ground connection.
>
> It works pretty well on the AM band, but not good in receiving DX signals
on
> 540 kHz, but the battery was draining quick so I could not test it. It did
> do well receiving local AM stations.
>
> How do I improve LW performance on this? Do I have to take it outside and
> ground it?
>
> The antenna I used was a 1 foot 22 awg solid piece of wire.
>
> And where in the world do I find a 12 volt 50 mA power supply??
>
> This is the first time building this antenna, and it sucked.
>
> Adam E.
>
> Virginia Beach, VA

>
>
>
>
> E-Mail ist virenfrei.
> Von AVG überprüft - www.avg.de
> Version: 2013.0.2741 / Virendatenbank: 2614/5838 - Ausgabedatum:
17.10.2012
> Die Virendatenbank sind veraltet.
>

54. RE: [activeantennahobbygroup] Re: Miniwhip Antenna disappointing results

Yahoo group: activeantennahobbygroup
Date: 2012-11-21 00:53:31 UTC
From: Joe Strain aka Yodar
Topic: 49 Message: 54

I make a foil connnection by fashioning a pair of drilled large square aluminum washers and use a solder lug {for the ground wire} thru which the screw which mashes the rwo aluminum washers to the foil...a pop rivet workes here even easier if you use an all-aluminum one

THERE IS copper screen at ACE and True Value Hdwr which will work here better and it can be soldered to

Yodar

"The contest for ages has been to rescue liberty from the grasp of executive power."

Daniel Webster

--- On Sat, 11/3/12, HG4FC, Tóni <hg4fc@...> wrote:

Adam, As well as with the aluminum surface, buti t is difficult to work with. For example, can not be soldered. Any one 12Volt DC power supply complies with minimum of 100mA load. Such trading may be purchased at any electronics.But you might have a homa device can use it before.Tentatively it is also good. Toni   From: activeantennahobbygroup@yahoogroups.com [mailto:activeantennahobbygroup@yahoogroups.com] On Behalf Of Adam E
Sent: Saturday, November 03, 2012 7:59 AM
To: activeantennahobbygroup@yahoogroups.com
Subject: [activeantennahobbygroup] Re: Miniwhip Antenna disappointing results
I tried to build a magnetic loop antenna, but I used aluminum foil, but it did not shield the interference too well, so I gave it up, I might have to start using copper foil for different results. My mini whip experiment needs the semi conductors replaced, then I need to try it outside. When I am out, I will tell you the results. But question where in the world do I find a 12 volt 50 mA power supply?

Adam Ebel
Virginia Beach, VA

--- In activeantennahobbygroup@yahoogroups.com, "Stephan Schaa" <schaa@...> wrote:
>
> Hello Adam,
>
> the mini whip is a capacitive working Antenna. Because of that I would very
> much recommend to use it outside (the more away from the house, the better +
> higher = better) and with a good "counterweight" (for example a Metal rod
> where you mount it on). If you look for a better "inside" antenna, i would
> recommend a magnetic antenna like a tuned or broadband loop to avoid a lot
> of static noise inside modern homes.
>
> I hope this helps?!
>

>
> 73, Stephan
>
>
>
> _____
>
> Von: activeantennahobbygroup@yahoogroups.com
> [mailto:activeantennahobbygroup@yahoogroups.com] Im Auftrag von Adam E
> Gesendet: Freitag, 26. Oktober 2012 09:15
> An: activeantennahobbygroup@yahoogroups.com
> Betreff: [activeantennahobbygroup] Miniwhip Antenna disappointing results
>
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>
> I have built the PA0RDT mini whip with a MPF 102 (J310) and 2N3904
> (2N5109)and it performed poorly on long wave, I could not receive my local
> DGPS signal on 289 kHz from Driver, Virginia, and local NDB Beacon OR on 329
> kHz. I built it on one of these boards.
>
> http://www.radioshack.com/product/index.jsp?productId=2102843
>
> The antenna was used indoors in my apartment on the first floor without a RF
> ground connection.
>
> It works pretty well on the AM band, but not good in receiving DX signals on
> 540 kHz, but the battery was draining quick so I could not test it. It did
> do well receiving local AM stations.
>
> How do I improve LW performance on this? Do I have to take it outside and
> ground it?
>
> The antenna I used was a 1 foot 22 awg solid piece of wire.
>
> And where in the world do I find a 12 volt 50 mA power supply??
>
> This is the first time building this antenna, and it sucked.
>
> Adam E.
>
> Virginia Beach, VA
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>
> E-Mail ist virenfrei.
> Von AVG überprüft - www.avg.de
> Version: 2013.0.2741 / Virendatenbank: 2614/5838 - Ausgabedatum: 17.10.2012

> Die Virendatenbank sind veraltet.
>

55. Complementary Push-Pull Active Antenna Amplifiers

Yahoo group: activeantennahobbygroup
Date: 2012-12-26 22:18:24 UTC
From: Chris Trask
Topic: 55 Message: 55

Some recent discussions about active monopole antennas gave me an incentive to polish off some ideas I had to further advance the state of the art, which resulted in a revision of the paper that I wrote some four years ago:

http://www.home.earthlink.net/~christrask/Paper007.html

Chris Trask
N7ZWY / WDX3HLB
http://www.home.earthlink.net/~christrask/

56. Homemade KA-35 and KA-33 Project Idea

Yahoo group: activeantennahobbygroup
Date: 2013-01-06 04:01:44 UTC
From: Adam E
Topic: 56 Message: 56

I have an idea that might stir up some interest in building active antennas for LW to SW. If you are good in this project such as building one or two of the commercially available antennas with parts from radio shack, RSR electronics, Jameco, All Electronics, or where ever please share it with us and me.

I have been wanting to do this, and I did use one of the simple loop antennas with a preamplifer. But to build the KA-35 we need to know what the block diagram is and try to practice building it with what we know and with hobby electronic parts. It would be fun. I will be bring up one of the circuits I used for the loop antenna as soon as possible.

I have to see what I can come up with. Now I know the KA-33 is very challenging to build because I don't know how I can remotely tune the loop, maybe build some KA-35 circuit, and try to experiment with it remotely.

Also we should work with making it magnetically shielded, tunable, and high gain and it covers at least 150 kHz to 30 MHz.

Adam Ebel
Virginia Beach, VA

57. Re: Homemade KA-35 and KA-33 Project Idea

Yahoo group: activeantennahobbygroup
Date: 2013-01-08 14:50:32 UTC
From: JRTENN
Topic: 56 Message: 57

Adam...

Trying to reach you via Email or voice phone regarding this and another matter, ideas.

Joe

--- In activeantennahobbygroup@yahoogroups.com, "Adam E" wrote:
>
>
>
> I have an idea that might stir up some interest in building active antennas for LW to SW. If you are good in this project such as building one or two of the commercially available antennas with parts from radio shack, RSR electronics, Jameco, All Electronics, or where ever please share it with us and me.
>
> I have been wanting to do this, and I did use one of the simple loop antennas with a preamplifer. But to build the KA-35 we need to know what the block diagram is and try to practice building it with what we know and with hobby electronic parts. It would be fun. I will be bring up one of the circuits I used for the loop antenna as soon as possible.
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> I have to see what I can come up with. Now I know the KA-33 is very challenging to build because I don't know how I can remotely tune the loop, maybe build some KA-35 circuit, and try to experiment with it remotely.
>
> Also we should work with making it magnetically shielded, tunable, and high gain and it covers at least 150 kHz to 30 MHz.
>
>
> Adam Ebel
> Virginia Beach, VA
>

58. Re: 20-280 SWL Amplifed Antenna - Modified and Works

Yahoo group: activeantennahobbygroup
Date: 2013-01-11 17:15:35 UTC
From: JRTENN
Topic: 16 Message: 58

Adam...

RE: << Here is the link to the schematic diagram. Who ever drew the schmatic got something wrong, It's not L2 and L4. It's L1 and L2 for tuned inductors, and L4 and L5 for the pre amp circuit. I have the original circuit board I built it on. >>

Then RS or the Korean assembler made a change. On all the RS 20-280's that I have seen -- maybe 9 as of this message Jan 2013 -- and cleaned up/lube, etc., L5 connects directly via circuit trace to C3 and C4, placing L5 in the tuned RF circuit.

There is another one or two changes from the board(s) you are seeing. That's one of a few reasons to try and reach you, for 20-280 and other agenda and ideas.

Joe
Knoxville, TN
Skype: joerotello
Email: info(at)windowgroup(dot)com

--- In activeantennahobbygroup@yahoogroups.com, "Adam E" wrote:
>
>
> Here is the link to the schematic diagram. Who ever drew the schmatic got something wrong, It's not L2 and L4. It's L1 and L2 for tuned inductors, and L4 and L5 for the pre amp circuit. I have the original circuit board I built it on.
>
> http://groups.yahoo.com/group/Shortwave-SWL-Antenna/photos/album/0/list
>
> --- In activeantennahobbygroup@yahoogroups.com, Joe Strain aka Yodar wrote:
> >
> > which antenna are you fussing with?
> >
> > rat shack part number for antenna would help?
> >
> > Â I have their version of the TERK antenna and I don't think you are talking about that one
> >
> >
> >
> > Yodar
> >
> > words MEAN things.
> >
> > AS do the words in our constitution,
> >
> > they are not meant to be nuanced,
> >

> > but READ AS writ!
> >
> > --- On Wed, 2/3/10, Adam E wrote:
> >
> > From: Adam E
> > Subject: [activeantennahobbygroup] 20-280 SWL Amplifed Antenna - Modified and Works
> > To: activeantennahobbygroup@yahoogroups.com
> > Date: Wednesday, February 3, 2010, 1:55 PM
> >
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> > Â
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> >
> > Group,
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> >
> > I have to tell you something good about the Radio Shack antenna, after I studied that schematic diagram that someone drew, last night I was able to work with the inductors and instead of changing the inductors, I wired up 2 speaker terminals and another speaker terminal for the 2 inductors (1 mH). I inserted 2 actually just one cause of the other band didn't work cause the antenna was old. I tried out the 150 and 470 uH inductor for a while and I finally got AM reception with the active antenna. Then I tried the 2.5 mH inductor (L2) and it covered the entire longwave band from 150 kHz to 540 kHz with no problems. I was able to copy the DGPS station from Driver Va on 289 kHz very clearly.
> >
> >
> >
> > I cannot believe that Radio Shack the ones who had their active antenna built from China did not want to make a good active antenna for LW/MW and SW1 and 2. I tried different inductors and they got me a fine and working set up now. I was able to receive things I could not receive too well with the 1 JFet transistor deal. So remember this if you have an extra Radio Shack shortwave amplified antenna and you want to expand your coverage, go for it. The inductor list is here on the bottom.
> >
> >
> >
> > You will have to use 1 or 2 inductors (2 for bands A and B) and you must remove the 6.8

uH inductors. Please leave alone L4, L5 the 1 mH inductors those are just part of the RF amplifer circuit. The 6.8 inductors are the type that is connected to variable capacitor for the shortwave bands 1 and 2 or A or B. That is coils L4 and L2. Please do not touch coils L4 and L5.
> >
> >
> >
> > Please use 2 speaker terminals for this project, that is if you do want your SW amplified antenna cause you are just bored with it. You must solder terminals in the holes where the inductors to create solder terminals for the terminal wires. For L4 use yellow and black wires and L2 use red and black wires. It's that easy. Just remember I used L2 cause band A will not tune no more. So if you get this right, you will be able to use 2 470 uH chokes for L2 and L4 then you could probably tune band A for LW or VLF and Band B for the low and middle part of the LW and AM band.
> >
> >
> >
> > If you follow this project then you don't need to worry about spending over $100 for a commercially made active antenna from someone who does not care about long wave DXing. They just design an active antenna that only covers 300 kHz if lucky 250 kHz. But not 150 kHz or lower in the 30 kHz range. When I get my VLF converter I will give you and a video update on how this radio shack amplified antenna could cover VLF. Right now I can only go down to 150 kHz. I need a VLF converter schematic! Remember this is a L/C tuned circuit
> >
> > so you can use any combination inductors as you wish even homebrew
> >
> > inductors. For someone who does ELF and ULF you will need bigger
> >
> > inductors like big transformer types around 100 mH to 12 henres
> >
> >
> >
> > For ELF - 150 mH to 12 H
> >
> > For VLF - 6.8mH, 10mH, 12mH, and higher around 100 mH.
> >
> > For LW - 2.5 mH, 4.7 mH or 6.8 mH
> >
> > For MF - 1000 mH
> >
> > For MW - 470 uH, 330 uH, and 150 uH
> >
> > For SW - Original 6.8 uH inductors for 160 meters try 22 uH or 100
> >
> > uH.
> >
> > For VHF - 10 uH, 1 uH, and lower inductances. Possible coverage for Digital TV and FM FM-HD.
> >
> > For UHF - 0.1 to 001 uH stripped inductors. MIGHT NOT WORK!
> >

> >
> >
> > Good Luck and 73!
> >
> >
> >
> > Adam E.
> >
> >
> >
> > gccengineering
> >
>

59. Re: 20-280 SWL Amplifed Antenna - Modified and Works

Yahoo group: activeantennahobbygroup
Date: 2013-01-28 06:06:17 UTC
From: Adam E
Topic: 16 Message: 59

Thanks for telling me about that. What we need is to redraw the schematic and also have a parts list and also what alternative semi conductors we would need to construct this maybe make it that it has it in a box with outboard controls in the front and the connectors in the back. Also figure if we can make it tune lower than 150 kHz.

Adam Ebel
Virginia Beach, VA

--- In activeantennahobbygroup@yahoogroups.com, "JRTENN" wrote:
>
> Adam...
>
> RE: << Here is the link to the schematic diagram. Who ever drew the schmatic got something wrong, It's not L2 and L4. It's L1 and L2 for tuned inductors, and L4 and L5 for the pre amp circuit. I have the original circuit board I built it on. >>
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> Then RS or the Korean assembler made a change. On all the RS 20-280's that I have seen -- maybe 9 as of this message Jan 2013 -- and cleaned up/lube, etc., L5 connects directly via circuit trace to C3 and C4, placing L5 in the tuned RF circuit.
>
> There is another one or two changes from the board(s) you are seeing. That's one of a few reasons to try and reach you, for 20-280 and other agenda and ideas.
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> Joe
> Knoxville, TN
> Skype: joerotello
> Email: info(at)windowgroup(dot)com
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> >
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> >
> > http://groups.yahoo.com/group/Shortwave-SWL-Antenna/photos/album/0/list
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> > --- In activeantennahobbygroup@yahoogroups.com, Joe Strain aka Yodar wrote:
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> > > which antenna are you fussing with?
> > >
> > > rat shack part number for antenna would help?
> > >
> > > Â I have their version of the TERK antenna and I don't think you are talking about that one

> > >
> > >
> > >
> > > Yodar
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> > > words MEAN things.
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> > > AS do the words in our constitution,
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> > > they are not meant to be nuanced,
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> > > but READ AS writ!
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> > > --- On Wed, 2/3/10, Adam E wrote:
> > >
> > > From: Adam E
> > > Subject: [activeantennahobbygroup] 20-280 SWL Amplifed Antenna - Modified and Works
> > > To: activeantennahobbygroup@yahoogroups.com
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> > > Group,
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> > > I have to tell you something good about the Radio Shack antenna, after I studied that schematic diagram that someone drew, last night I was able to work with the inductors and instead of changing the inductors, I wired up 2 speaker terminals and another speaker terminal for the 2 inductors (1 mH). I inserted 2 actually just one cause of the other band didn't work cause the antenna was old. I tried out the 150 and 470 uH inductor for a while and I finally got AM reception with the active antenna. Then I tried the 2.5 mH inductor (L2) and it covered the entire longwave band from 150 kHz to 540 kHz with no problems. I was able to copy the DGPS station from Driver Va on 289 kHz very clearly.
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> > >
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> > >
> > > You will have to use 1 or 2 inductors (2 for bands A and B) and you must remove the 6.8 uH inductors. Please leave alone L4, L5 the 1 mH inductors those are just part of the RF amplifer circuit. The 6.8 inductors are the type that is connected to variable capacitor for the shortwave bands 1 and 2 or A or B. That is coils L4 and L2. Please do not touch coils L4 and L5.
> > >
> > >
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> > > Please use 2 speaker terminals for this project, that is if you do want your SW amplified antenna cause you are just bored with it. You must solder terminals in the holes where the inductors to create solder terminals for the terminal wires. For L4 use yellow and black wires and L2 use red and black wires. It's that easy. Just remember I used L2 cause band A will not tune no more. So if you get this right, you will be able to use 2 470 uH chokes for L2 and L4 then you could probably tune band A for LW or VLF and Band B for the low and middle part of the LW and AM band.
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> > >
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> > >
> > > so you can use any combination inductors as you wish even homebrew
> > >
> > > inductors. For someone who does ELF and ULF you will need bigger
> > >
> > > inductors like big transformer types around 100 mH to 12 henres
> > >
> > >
> > >
> > > For ELF - 150 mH to 12 H
> > >
> > > For VLF - 6.8mH, 10mH, 12mH, and higher around 100 mH.
> > >
> > > For LW - 2.5 mH, 4.7 mH or 6.8 mH
> > >
> > > For MF - 1000 mH

> > >
> > > For MW - 470 uH, 330 uH, and 150 uH
> > >
> > > For SW - Original 6.8 uH inductors for 160 meters try 22 uH or 100
> > >
> > > uH.
> > >
> > > For VHF - 10 uH, 1 uH, and lower inductances. Possible coverage for Digital TV and FM FM-HD.
> > >
> > > For UHF - 0.1 to 001 uH stripped inductors. MIGHT NOT WORK!
> > >
> > >
> > >
> > > Good Luck and 73!
> > >
> > >
> > >
> > > Adam E.
> > >
> > >
> > >
> > > gccengineering
> > >
> >
>

60. Re: Homemade KA-35 and KA-33 Project Idea

Yahoo group: activeantennahobbygroup
Date: 2013-01-28 06:38:32 UTC
From: Adam E
Topic: 56 Message: 60

you can simply reply back to me via Yahoo! mail gcc...@... Just add the screenname "gccengineering" to @ yahoo.com Meet me on Facebook and add me as a friend. Just find me with the Grundig G8 in my profile picture.

Adam Ebel

--- In activeantennahobbygroup@yahoogroups.com, "JRTENN" wrote:
>
> Adam...
>
> Trying to reach you via Email or voice phone regarding this and another matter, ideas.
>
> Joe
>
> --- In activeantennahobbygroup@yahoogroups.com, "Adam E" wrote:
> >
> >
> >
> > I have an idea that might stir up some interest in building active antennas for LW to SW. If you are good in this project such as building one or two of the commercially available antennas with parts from radio shack, RSR electronics, Jameco, All Electronics, or where ever please share it with us and me.
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> >
> > I have to see what I can come up with. Now I know the KA-33 is very challenging to build because I don't know how I can remotely tune the loop, maybe build some KA-35 circuit, and try to experiment with it remotely.
> >
> > Also we should work with making it magnetically shielded, tunable, and high gain and it covers at least 150 kHz to 30 MHz.
> >
> >
> > Adam Ebel
> > Virginia Beach, VA
> >
>

61. 2.5-25KV BUTTERFLY CAPACITOR KITS VA6POP

Yahoo group: activeantennahobbygroup
Date: 2013-10-20 03:14:03 UTC
From: <pop_vasile@...>
Topic: 61 Message: 61

2.5-25KV BUTTERFLY CAPACITOR KITS VA6POP

I can build for u any air variable capacitors kits for ham radio

https://www.youtube.com/watch?v=thw0RLOh6zM
www.youtube.com/watch?v=fV-FWFQO6As

www.youtube.com/watch?v=dmZxgmalP9g

http://forums.qrz.com/showthread.php?351604-Butterfly-capacitor-kits-5-15kv

http://www.flickr.com/photos/93005502@N08/page3/

http://forums.qrz.com/showthread.php?378701-2-5-15kv-butterfly-capacitor-kits&p=\
2764980#post2764980

2.5-25KV BUTTERFLY CAPACITOR KITS VA6POP

I have kits for :
2.5" OD ROTOR
3" OD ROTOR
4" OD ROTOR
5" OD ROTOR
6" OD ROTOR
8" OD ROTOR
10" OD ROTOR

VA6POP
yo5bzz(at)gmail.com

65. Winradio G31DDC for sale

Yahoo group: activeantennahobbygroup
Date: 2014-03-04 12:05:21 UTC
From: <g31ddc@...>
Topic: 65 Message: 65

Software defined radio, Works fine and in mint condition,boxed, manual and Cables.It is as good as new. Original box and book. Mains power supply and computer cable. This is a software defined PC based wide band receiver. Works well.
UK version. New price is £699.95. UK sale/Paypal preferred. Offers to email g31ddc(at)gmail(dot)com
One of the best SDR receiver in the market , more info at http://www.winradio.co.uk/home/g31ddc.htm http://www.winradio.co.uk/home/g31ddc.htm

Winradio G31DDC for sale

66. negative inductors

Yahoo group: activeantennahobbygroup
Date: 2014-03-04 15:01:26 UTC
From: <gnefro60@...>
Topic: 66 Message: 66

hi to everyone, i just wonder if someone can point me to some practical implementation of negative inductors to match my active broadband loop(i realized an amplifier using a push pull of w7iuv joined at the output with a 1:1 balun) to get better matching at high frequency

sergio

67. New file uploaded to activeantennahobbygroup

Yahoo group: activeantennahobbygroup
Date: 2014-03-07 14:09:04 UTC
From: activeantennahobbygroup@yahoogroups.com
Topic: 67 Message: 67

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the activeantennahobbygroup
group.

File : /Active Negative Inductors Rev A.pdf
Uploaded by : chris3trask <christrask@...>
Description : Details of an active negative inductor.

You can access this file at the URL:
https://groups.yahoo.com/group/activeantennahobbygroup/files/Active%20Negative%20Inductors%20Rev%20A.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

chris3trask <christrask@...>